## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/567182.app.	US-PCPUB; USPAT; USOCR; EPO; UPO; DERWENT; (IBM_TDB	OR	OFF	2009/05/09 14:15
S2	33	(lizuka-Ken).in.	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 11:49
<b>S</b> 3	2567	382/209	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:01
<b>S4</b>	331	382/281	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:02

S5	2844	382/276	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:02
S6	1	(match\$3 or compar\$3) near3 linear near3 components near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:03
S7	34789	(match\$3 or compar\$3) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:04
S8	14	curv\$3 adj3 pattern adj3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:05
S9	2	overlap\$3 adj3 curved-patterns	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:06
S10	33531	(convert\$3 or conversion or transform\$3 or transformation) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:08

S11	262	extract\$3 near3 (convert\$3 or conversion or transform\$3 or transformation) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:09
S12	1878019	extract\$3 region near3 (convert\$3 or conversion or transform\$3 or transformation) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:10
S13	116	size adj3 extract\$3 adj3 region	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:11
S14	0	simililarity near3 (correlat\$3 or correlation or utocorrelat \$3 or utocorrelation) near3 (conversion or convert\$3 or transformation or transform\$3) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:19
S15	80	similarity near3 (correlat\$3 or correlation or utocorrelat\$3 or utocorrelation) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:20
S16	1266	(calculat\$3 or determin\$3 or comput\$3)near3 (correction or correct\$3) near3 images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:23

S17	4707	overlap\$3 adj3 images	US-PGPUB; USPAT; USPCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:24
S18	809	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:24
S19	390	S5 and S7	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:24
S20	53	S4 and S7	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:25
S21	67	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:26
S22	8	S15 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:26

S23	13	S18 and S17	US PGPUB; USPAT; USCOR; EPO; UPO; DERWENT; UBM_TDB	OR	OFF	2009/05/10 12:27
S24	7	S18 and S15	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; UBM_TDB	OR	OFF	2009/05/10 12:27
S25	2	S15 and S19	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:27
S26	0	S21 and S15	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:36
S27	0	S21 and S15	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; UBM_TDB	OR	OFF	2009/05/10 12:36
\$28	0	S21 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2009/05/10 12:36

S29	2376	382/224	US POPUB; USPAT; USOOR; EPO; UPO; DERWENT; UBM_TDB	OR	OFF	2009/05/10 12:41
S30	3212	382/115	US-PCPUB; USPAT; USOCR; EPO; UPO; UDERWENT; UBM_TDB	OR	OFF	2009/05/10 12:41
S31	123	S18 and S29	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; UBM_TDB	OR	OFF	2009/05/10 12:41
S32	0	S15 and S31	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:41
S33	3	S17 and S31	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:42
\$34	5	S15 and S30	US-PGPUB; USPAT; USPCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/05/10 12:43

S36	8776	382/232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58
S37	2716	382/209	US-POPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58
S38	3431	382/115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58
S39	3314	382/284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58
S40	513	382/216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58
S41	3435	382/305	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58

S42	3264	382/181	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:58
S43	3314	382/284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:59
S44	8776	382/232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:14
S45	0	S44 and ((match\$3 or compar\$3) near3 linear near3 components near3 images)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:14
S46	2147	S44 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15
S47	2716	382/209	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15

S48	1512	\$47 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15
S49	3431	382/115	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15
\$50	1139	S49 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15
S51	3314	382/284	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15
S52	1286	\$51 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:15
S53	513	382/216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16

S54	298	S53 and ((match\$3 or compar\$3) near3 image)	US PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16
S55	3435	382/305	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16
S56	1173	S55 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16
S57	3264	382/181	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16
S58	1207	S57 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16
S59	3314	382/284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16

S60	1286	S59 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:16
S61	1286	S59 and ((match\$3 or compar\$3) near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 17:17
S62	0	S48 and (simililarity near3 images)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 18:09
S63	18	("20030169928"   "20040218815"   "5412738"   "6259809"   "6381376"   "6714680"   "6751363"   "7127106"   "7221810").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 10:50
\$64	0	10/567182.pn.	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 11:01
S65	1	10/567182.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 11:01

S66	9	S63 and (correction or correct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 11:36
S67	18	("20030169928"   "20040218815"   "5412738"   "6259809"   "6381376"   "6714680"   "6751363"   "7127106"   "7221810").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:44
\$68	8848	382/232	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:45
S69	2735	382/209	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:45
S70	3470	382/115	US-PGPUB; USPAT; USOOR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:45
S71	1821	382/151	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:45

S72	3343	382/284	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:45
S73	515	382/216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:45
S74	3467	382/305	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; UBM_TDB	OR	OFF	2009/11/06 14:46
S75	697	382/15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/06 14:46
S76	18	("20030169928"   "20040218815"   "5412738"   "6259809"   "6381376"   "6714680"   "6751363"   "7127106"   "7221810").PN.	US-PGPUB; USPAT; USOCR; EPO; UPO; DERWENT; UBM_TDB	OR	OFF	2009/11/07 14:18
S77	4	S76 and (correct\$3 near3 image)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/07 14:19

S78	2	"20020090109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/07 14:38
S79	1	10/567182.app.	US-PGPUB; USPAT	OR	OFF	2009/11/07 17:56
S80	18	("20030169928"   "20040218815"   "5412738"   "6259809"   "6381376"   "6714680"   "6751363"   "7127106"   "7221810").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/07 14:41
S81	9	\$30 and ((compare\$ or match\$3) near3 (image or frame or photo or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/07 14:42
S82	1	S81 and (linear near3 component)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/07 14:43
S83	10527	(382/115,181,206,232,276,281,305). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/22 11:18

S84	3639	\$83 and ((match\$3 or compar\$3 or correlate\$3) near3 (image or frame or photo or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/22 11:20
S85	1	\$84 and ((curv\$3 adj3 pattern) near3 (image or frame or photo or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/22 11:21
S86	8	S84 and (curv\$3 adj3 pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/22 11:22
S87	25	("4874936"   "4916298"   "4998010"   "5031227"   "5052044"   "5073955"   "5124537"   "5155343"   "5189292"   "5233670"   "524166"   "5243655"   "5276315"   "5319181"   "5324923"   "5373147"   "5376780"   "5668893"   "5719967"   "5739518"   "5777309"   "5781667"   "5790701"   "5854478"   "5881171").PN.	US-PGPUB; USPAT; USOCR	ÖR	OFF	2010/07/22 11:24
S88	11872	(382/115,181,206,209,232,276,281,305).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/24 11:43
S89	3949	\$38 and ((compare\$ or match\$3) near3 (image or frame or photo or picture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/24 11:44

S90	33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	3	2010/07/24 11:44
S91	1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	1	2010/07/24 11:44

## EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S92		((first near3 points) and (first near3 linear near3 components) and (second near3 points) and (second near3 linear near3 components) and ( image near3 curve near3 pattern)).CLM.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/24 11:48
S95	2	((Linear near3 component) and (image near3 curve near3 pattern)).CLM.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/24 11:50
S96		((linear near3 component near3 first near3 mage) and (linear near3 component near3 second near3 image) and ( overlapped near3 curve near3 pattern)).CLM.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/24 11:54
S97	0	( overlapped near3 curve near3 pattern). CLM.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/07/24 11:55

## 7/24/2010 11:58:19 AM

C:\ Documents and Settings\ awoldemariam\ My Documents\ EAST\ Workspaces\ 10567182.wsp